

FIG. 1

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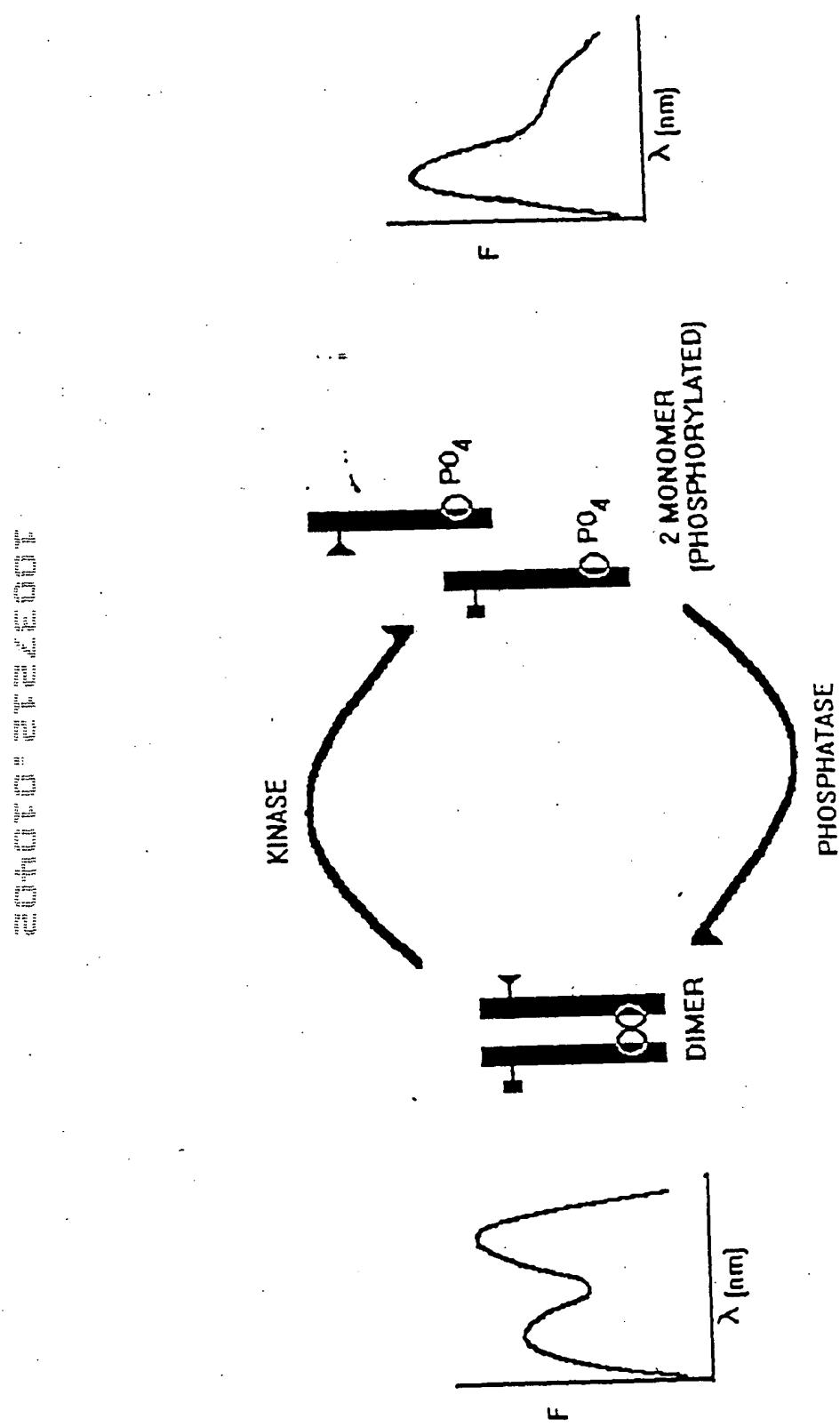
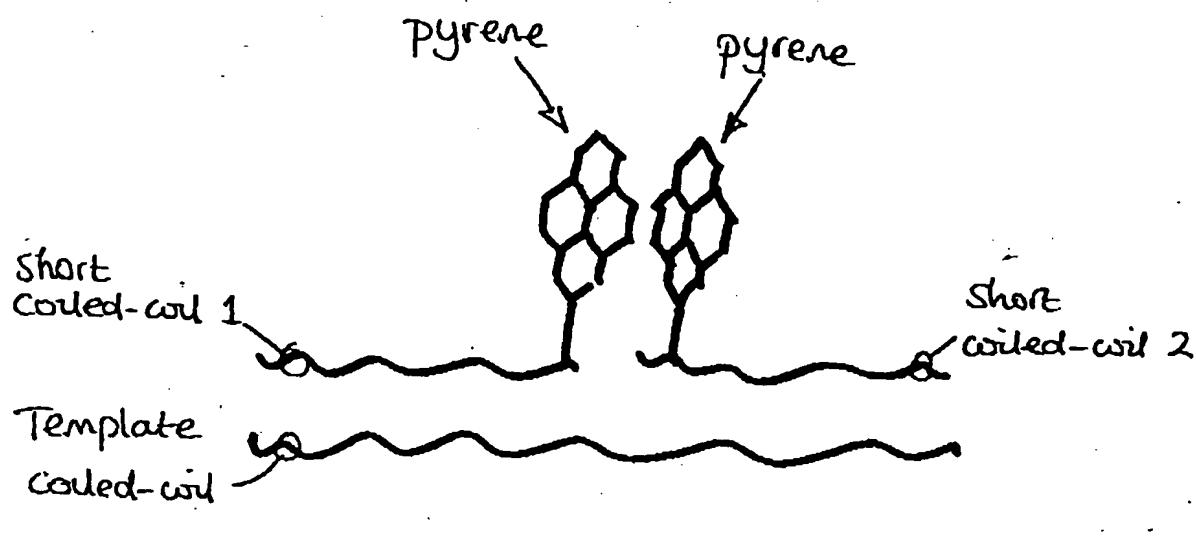


FIG. 2

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Excimer configuration
of pyrene pairs

FIG. 3

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200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

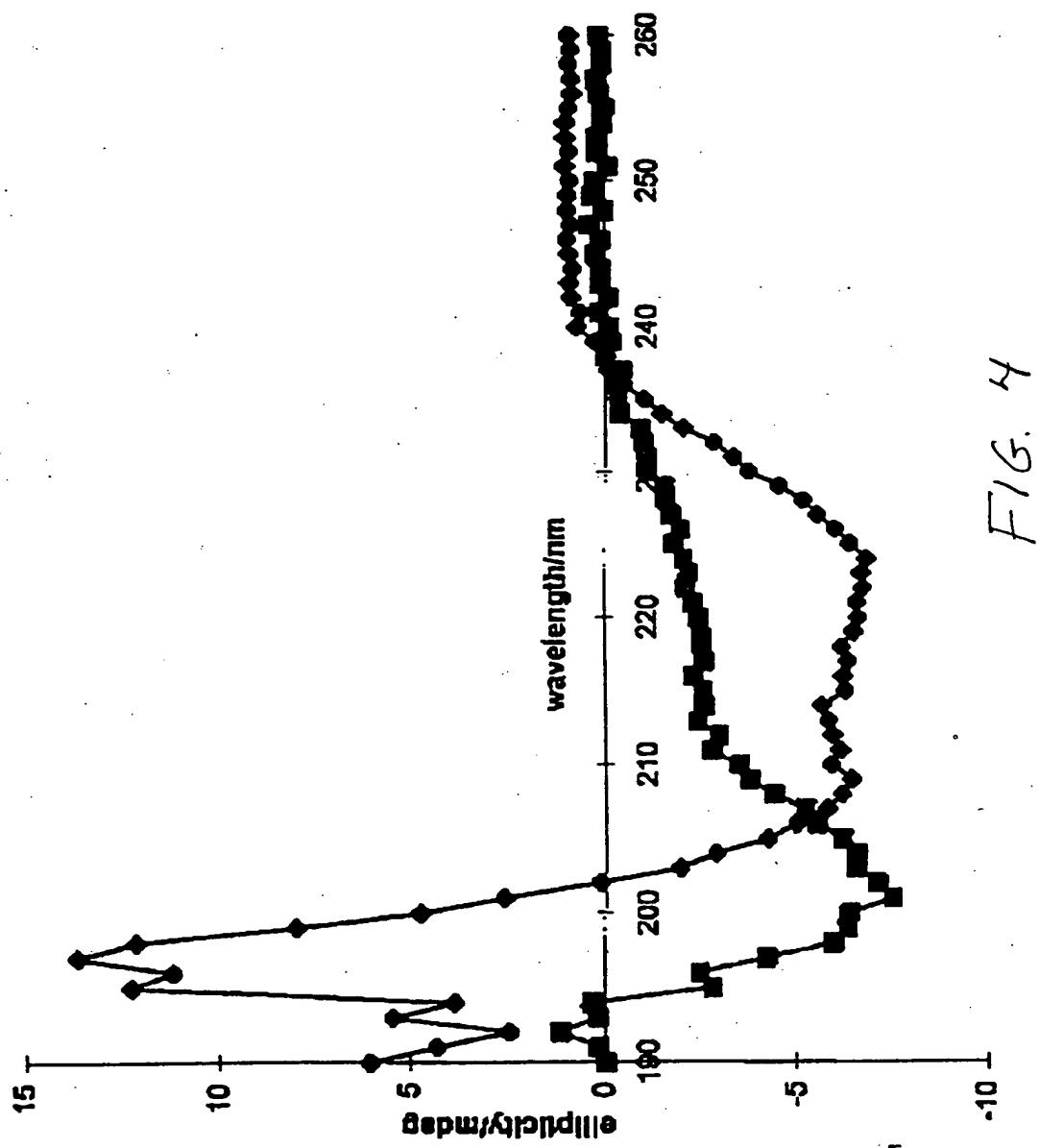


FIG. 4

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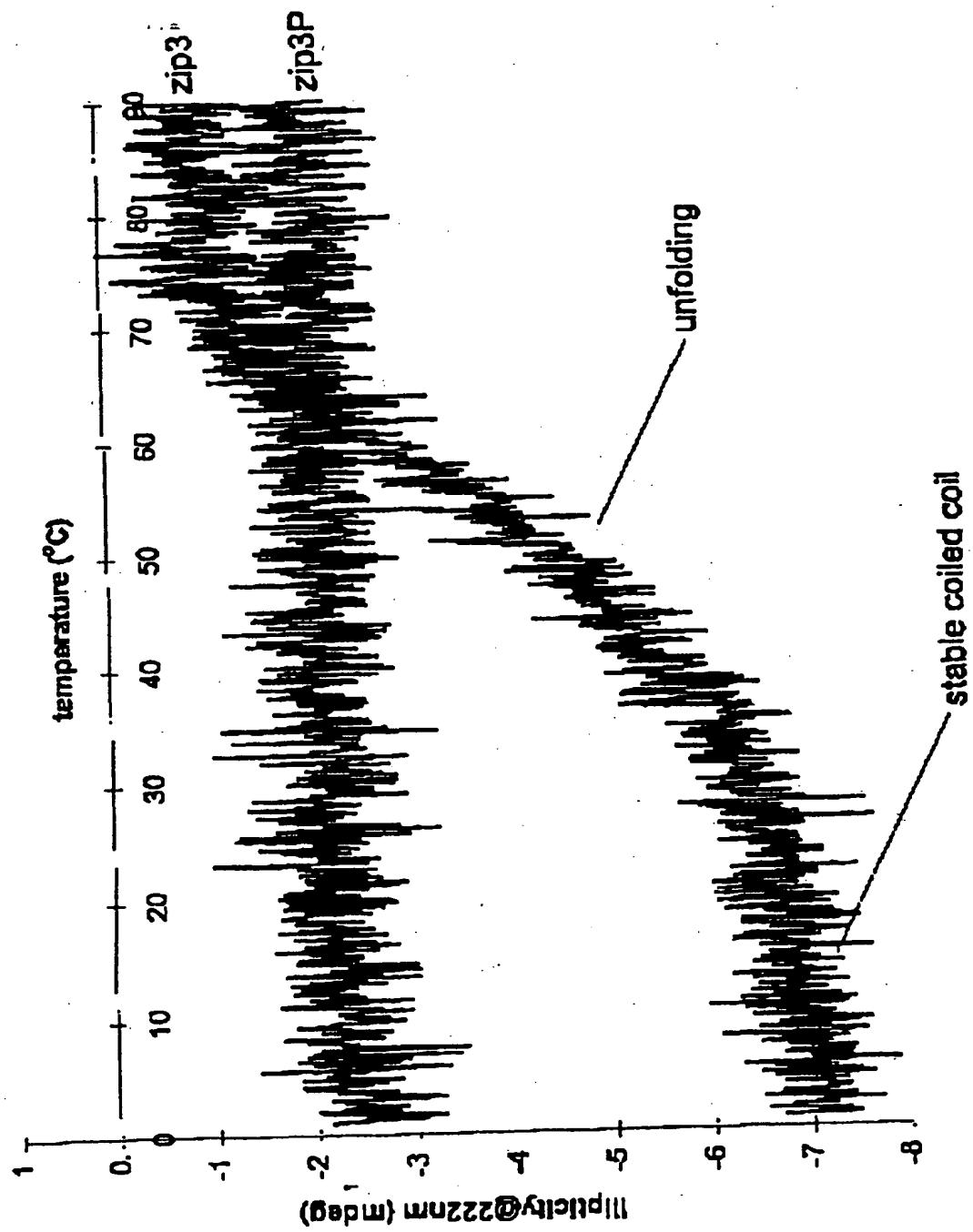


FIG. 5

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Addition of 0.48 μ M Zip3R to
0.08 μ M Zip3F

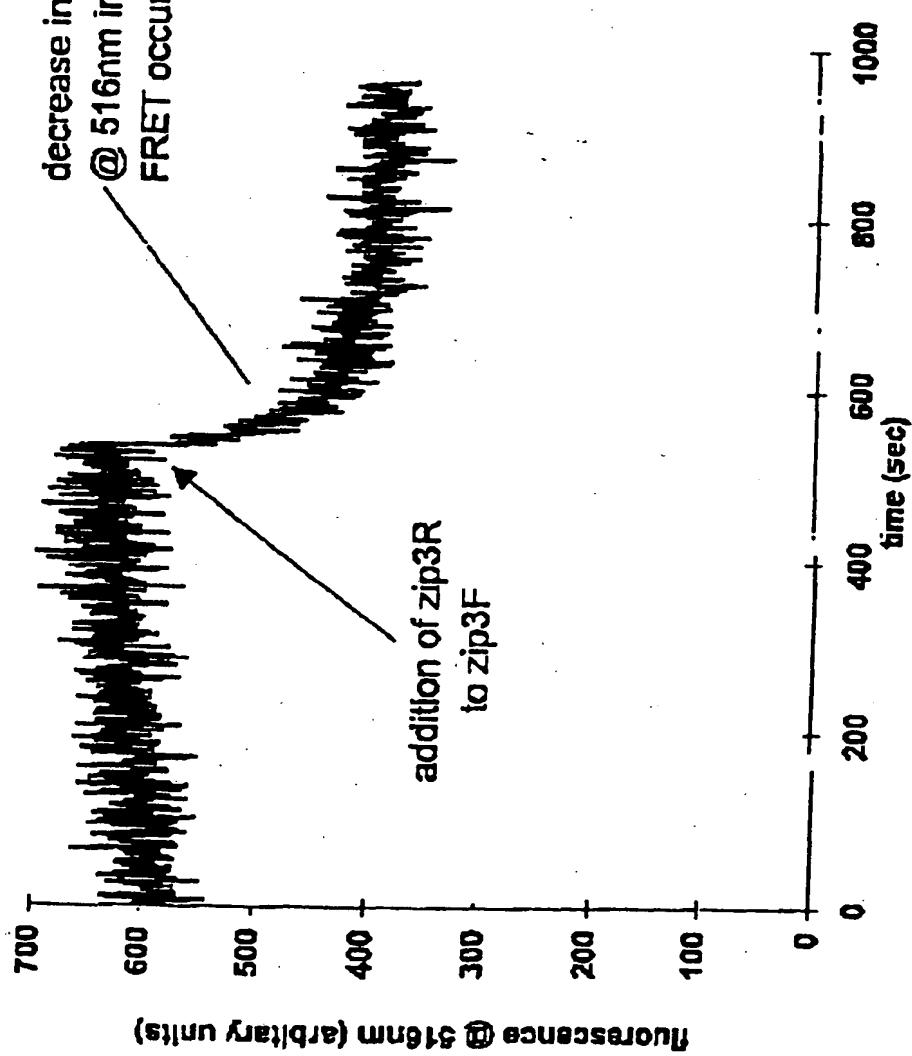


FIG. 6

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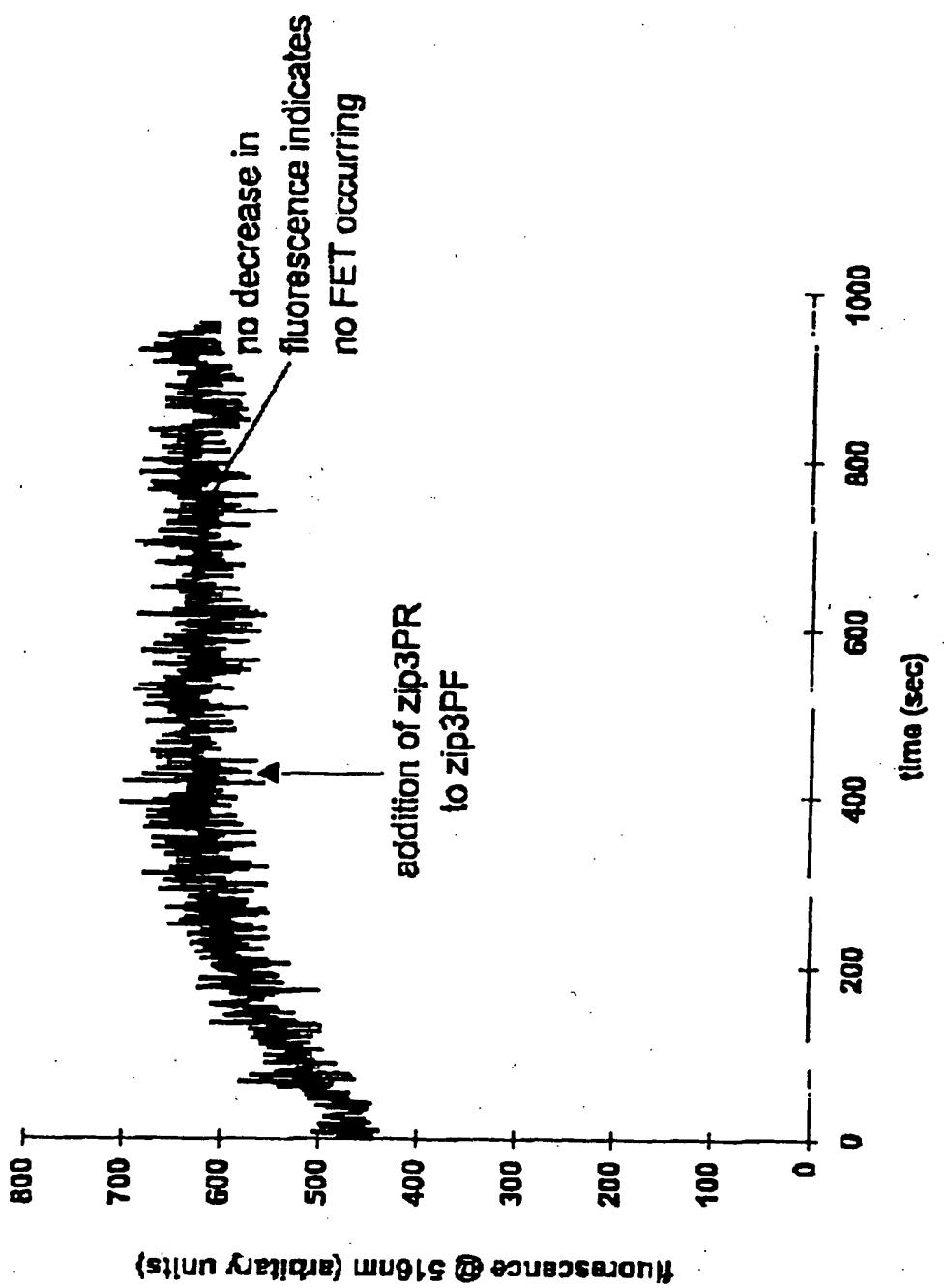


FIG. 7

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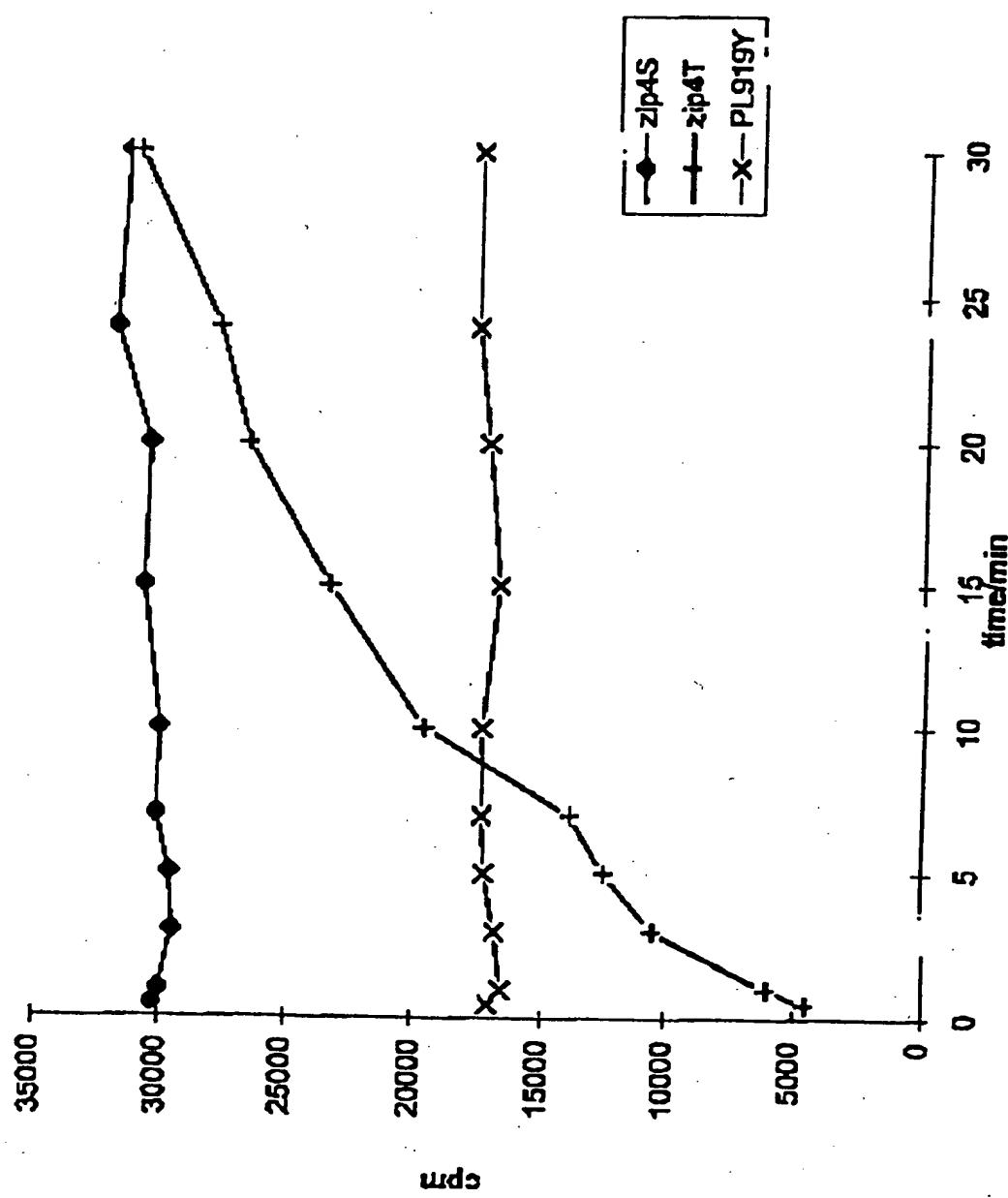
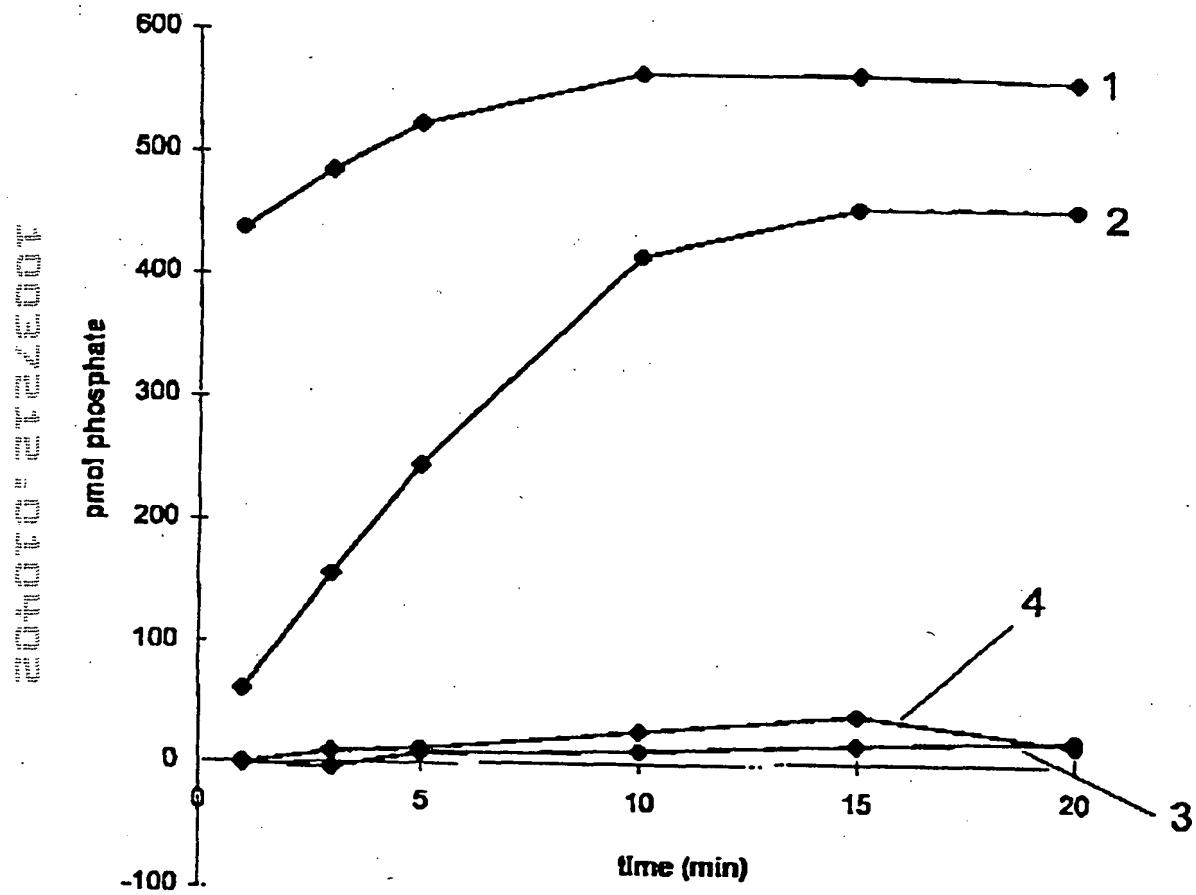


FIG. 8

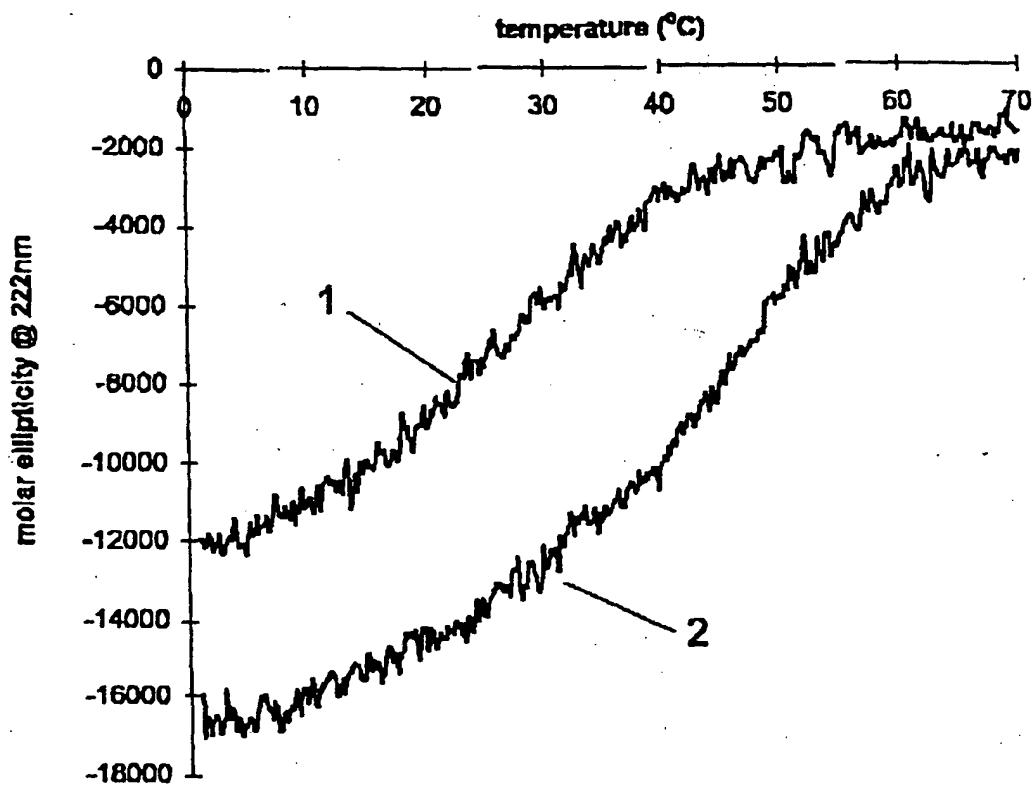
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- 1 - Autocamtide II phosphorylated by CaMKII in the presence of Ca^{2+} and Calmodulin
- 2 - Zip4S phosphorylated by PKA
- 3 - Zip4S phosphorylated by CaMKII in the presence of Ca^{2+} and Calmodulin
- 4 - Autocamtide II phosphorylated by CaMKII in the presence of Calmodulin (Ca^{2+} absent)

FIG. 9

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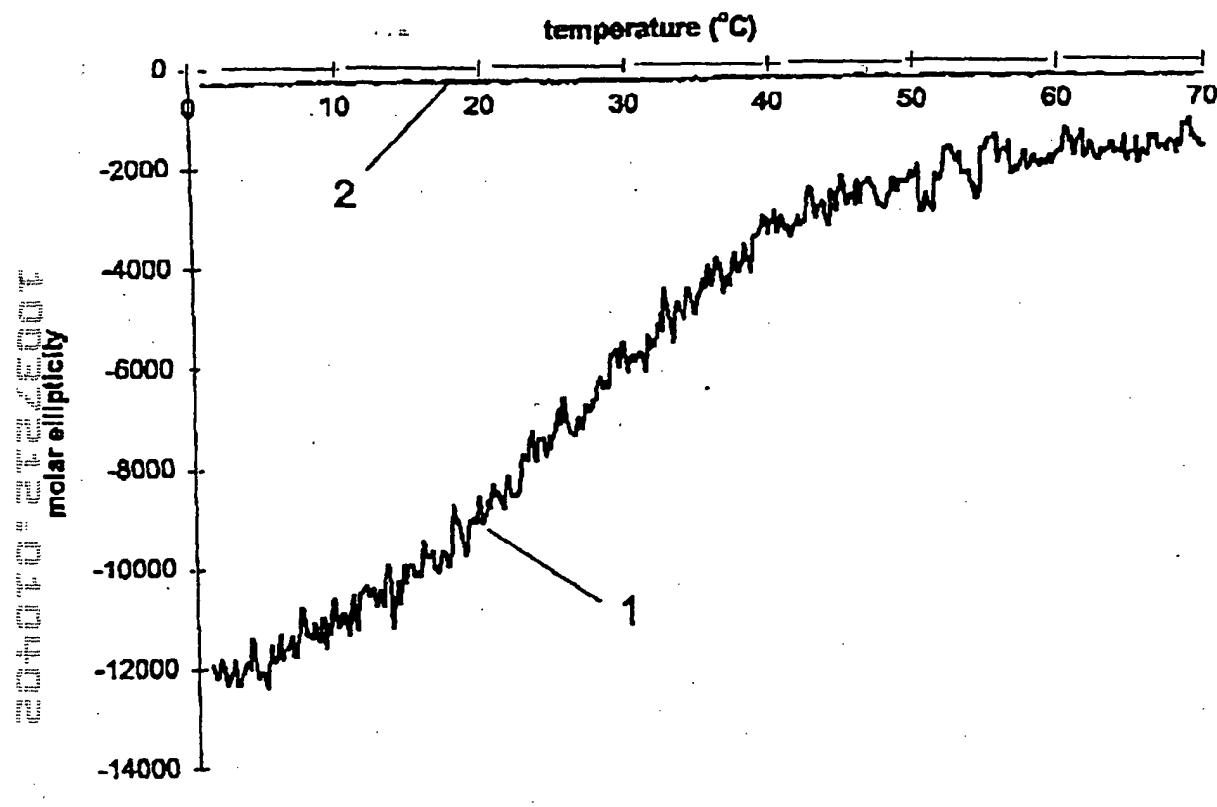


1 - zip4S

2 - zip4T

FIG. 10

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1 -zip4S
2 - zip4SP

FIG. 11

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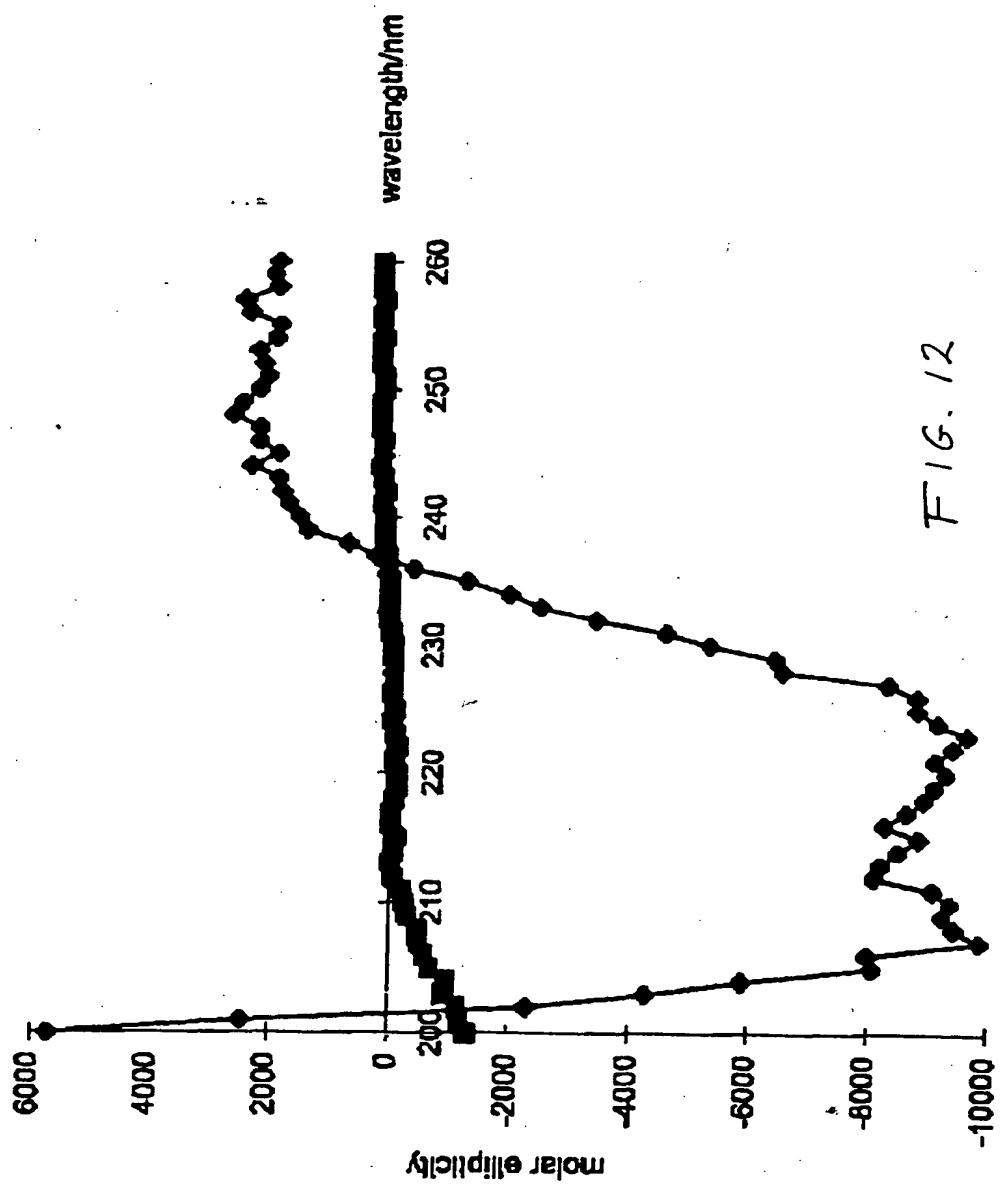
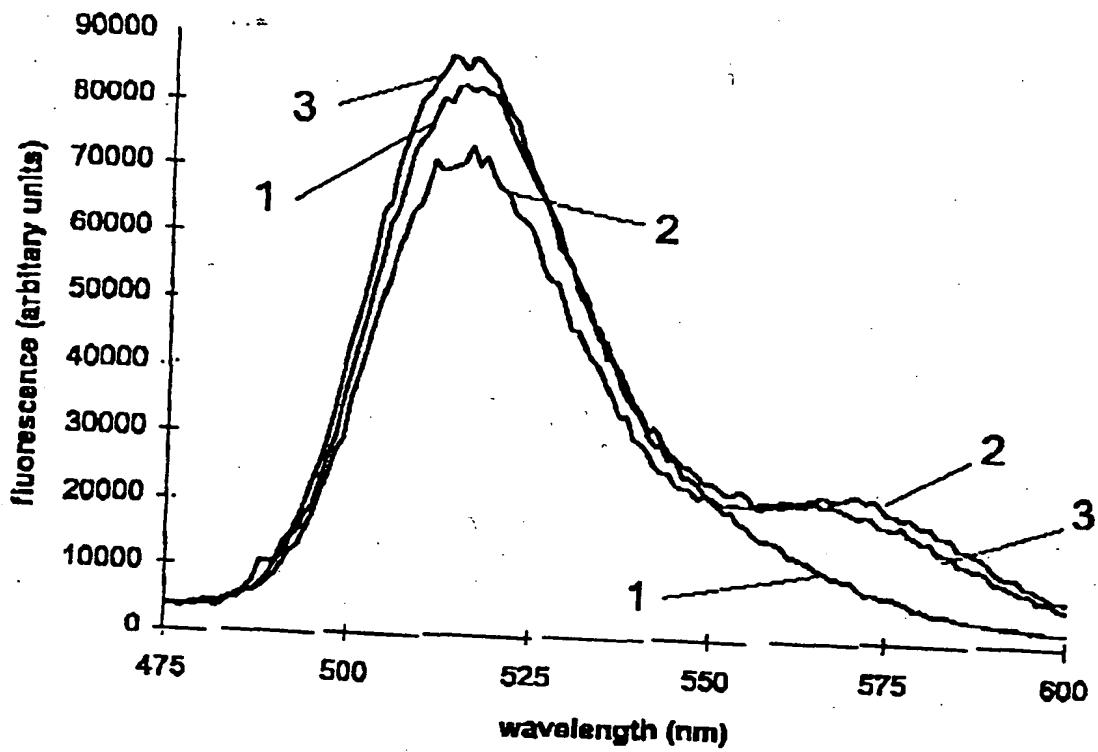


FIG. 12

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1 - $0.08\mu\text{M}$ Zip4SF
2 - $0.08\mu\text{M}$ Zip4SF + $0.48\mu\text{M}$ Zip4SR
3 - $0.08\mu\text{M}$ Zip4SF + $0.48\mu\text{M}$ Zip4SR + $0.03\mu\text{M}$ PKA

FIG. 13

2000 1800 1600 1400 1200 1000

